

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
 Data File : BM005564.D
 Acq On : 21 May 2016 23:23
 Operator : UM/SJ
 Sample : H3086-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JHGH7

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.646	6	10	29	rVB2	63263	156522	11.04%	0.712%
2	3.304	119	122	129	rVB	17175	20461	1.44%	0.093%
3	5.475	486	491	502	rBV	13930	25405	1.79%	0.115%
4	6.781	708	713	724	rBV3	9689	25942	1.83%	0.118%
5	6.981	741	747	757	rVB	302317	485145	34.23%	2.206%
6	7.151	770	776	787	rBV	222041	350632	24.74%	1.594%
7	7.351	803	810	817	rBV	310088	494263	34.87%	2.247%
8	7.822	883	890	898	rVB	384650	613149	43.26%	2.787%
9	8.516	1000	1008	1016	rBV	380891	623397	43.99%	2.834%
10	8.975	1079	1086	1095	rVB	284692	455834	32.16%	2.072%
11	9.692	1202	1208	1216	rBV	229789	381199	26.90%	1.733%
12	10.227	1291	1299	1308	rBV	380370	629478	44.42%	2.862%
13	10.610	1357	1364	1371	rBV	534390	902108	63.65%	4.101%
14	10.745	1380	1387	1395	rVB	279670	481916	34.00%	2.191%
15	13.286	1812	1819	1824	rBV3	25102	45082	3.18%	0.205%
16	13.345	1824	1829	1835	rVB2	10653	17527	1.24%	0.080%
17	13.857	1910	1916	1921	rBV	607810	888682	62.70%	4.040%
18	13.904	1921	1924	1929	rVB	203213	261234	18.43%	1.188%
19	14.145	1958	1965	1971	rVB	741299	1083804	76.47%	4.927%
20	14.298	1985	1991	1996	rBV	45018	68019	4.80%	0.309%
21	14.351	1996	2000	2007	rVV	58768	79146	5.58%	0.360%
22	14.451	2010	2017	2026	rVB2	742517	1166007	82.27%	5.301%
23	14.639	2042	2049	2063	rBV	276872	437172	30.85%	1.987%
24	14.968	2098	2105	2112	rBV6	19836	48617	3.43%	0.221%
25	15.104	2126	2128	2133	rVB5	10691	16212	1.14%	0.074%
26	15.304	2157	2162	2166	rBV2	147407	199739	14.09%	0.908%
27	15.445	2180	2186	2192	rVB	883265	1316333	92.88%	5.984%
28	15.551	2199	2204	2211	rBV	195813	287200	20.26%	1.306%
29	15.656	2218	2222	2227	rBV	77024	134518	9.49%	0.612%
30	15.921	2264	2267	2271	rBV2	23040	29608	2.09%	0.135%
31	16.162	2304	2308	2311	rBV	172384	253666	17.90%	1.153%
32	16.539	2368	2372	2378	rBV	98559	134080	9.46%	0.610%
33	16.956	2439	2443	2446	rBV	126767	158302	11.17%	0.720%
34	17.192	2478	2483	2491	rVB	862151	1225529	86.47%	5.571%

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35	17.292	2494	2500	2506	rVB	846312	1244289	87.80%	5.657%
36	17.692	2564	2568	2572	rVB	122918	151403	10.68%	0.688%
37	18.086	2631	2635	2641	rBV3	134343	205875	14.53%	0.936%
38	18.380	2682	2685	2690	rVB	86142	105502	7.44%	0.480%
39	19.015	2790	2793	2797	rBV	65775	70274	4.96%	0.319%
40	19.580	2884	2889	2896	rVB	1012448	1417263	100.00%	6.443%
41	20.380	3022	3025	3029	rVB	177021	201394	14.21%	0.916%
42	20.503	3043	3046	3051	rVB	865962	1030045	72.68%	4.683%
43	21.280	3176	3178	3182	rVB	176038	185091	13.06%	0.841%
44	21.362	3188	3192	3198	rBV	1058532	1343018	94.76%	6.106%
45	23.497	3550	3555	3565	rVB2	569318	1182637	83.45%	5.376%
46	23.644	3575	3580	3588	rVB	651505	1363784	96.23%	6.200%

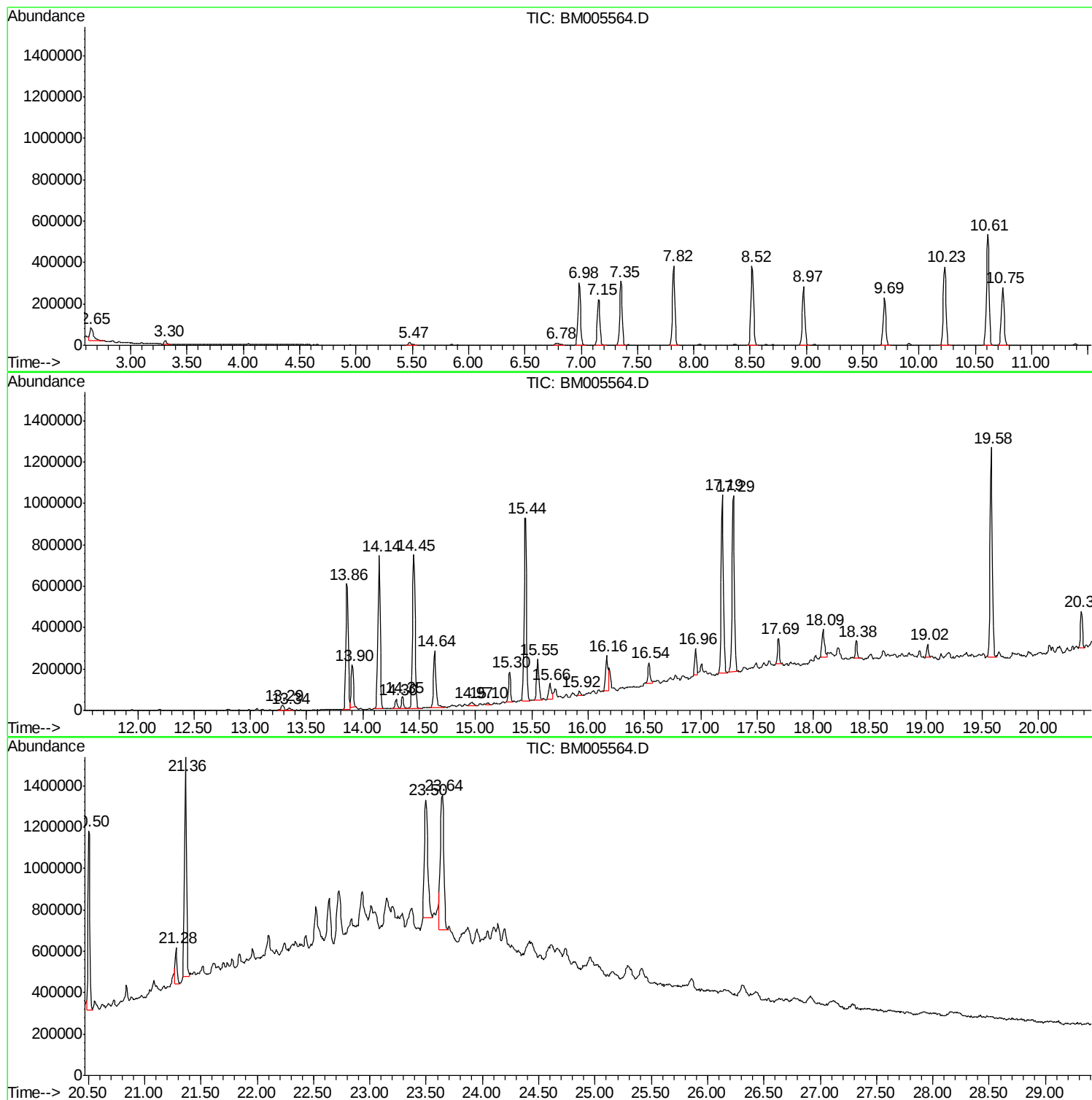
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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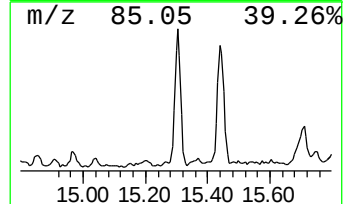
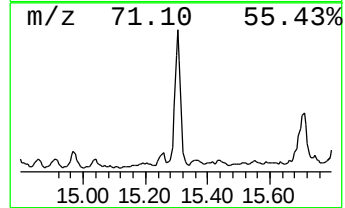
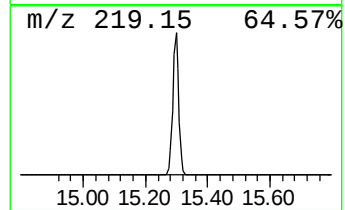
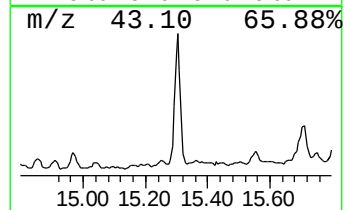
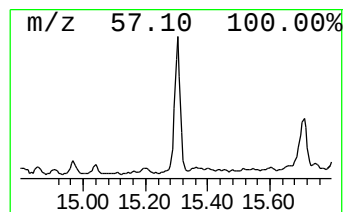
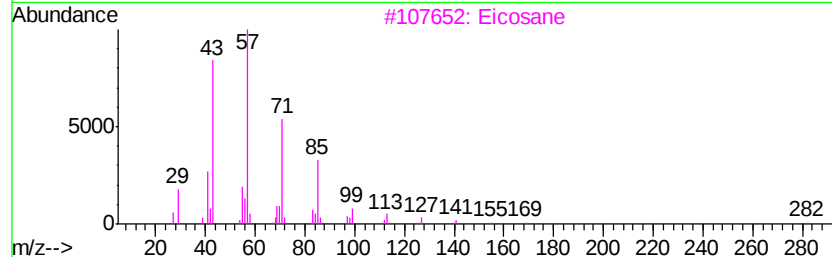
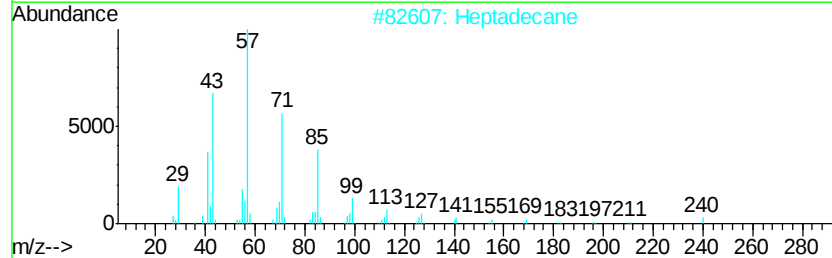
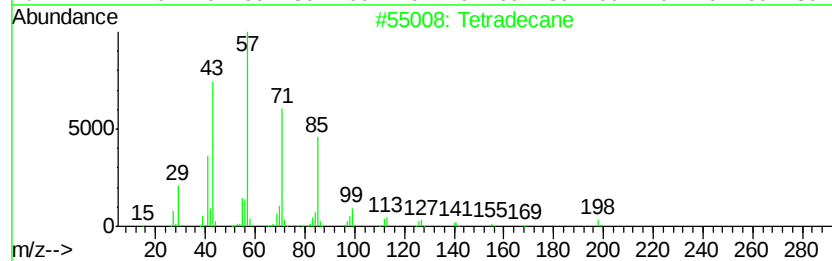
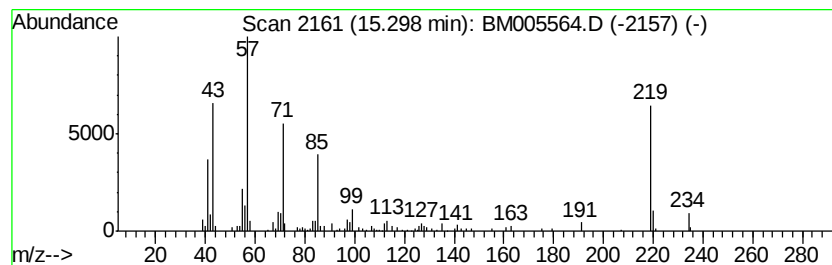
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	3.43 ng/ul	199739	Acenaphthene-d10	14.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	62
2			Heptadecane	240	C17H36	000629-78-7	62
3			Eicosane	282	C20H42	000112-95-8	62
4			Tetradecane	198	C14H30	000629-59-4	58
5			Tetracosane	338	C24H50	000646-31-1	58



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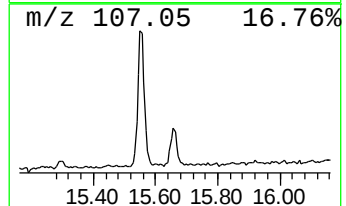
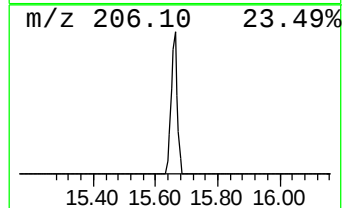
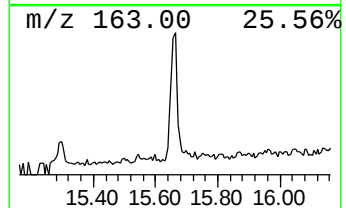
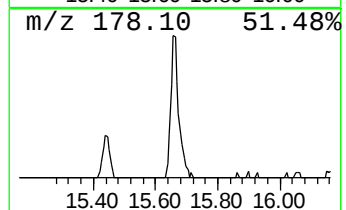
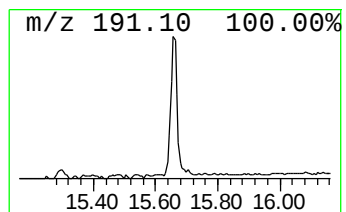
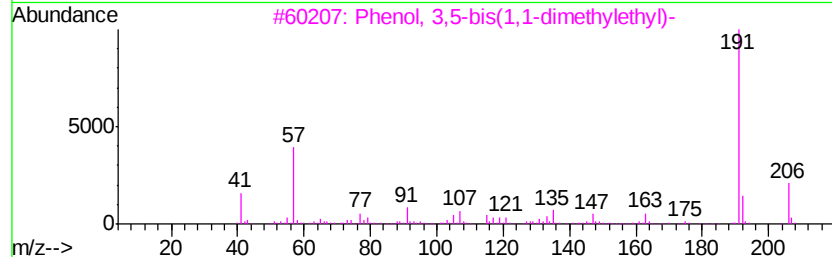
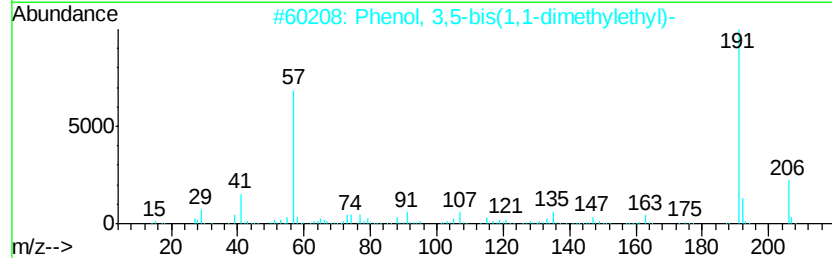
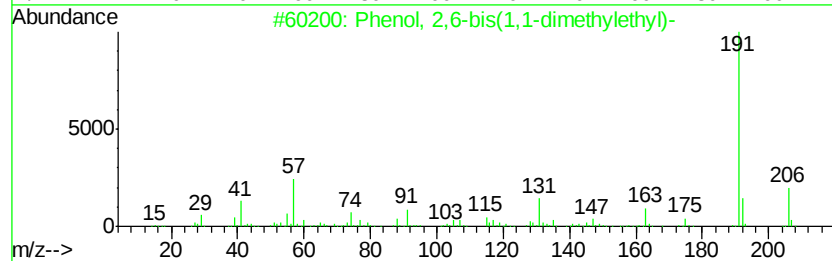
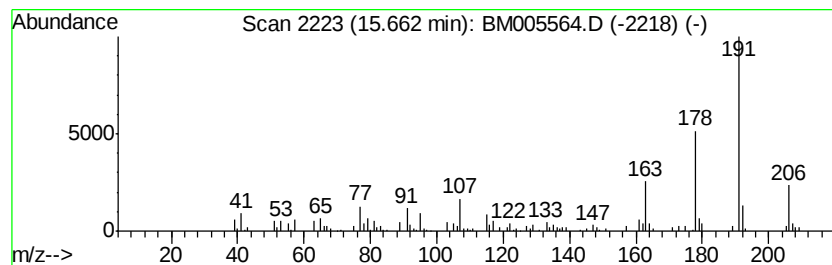
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Peak Number 3 Phenol, 2,6-bis(1,1-dimethylethyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	2.31 ng/ul	134518	Acenaphthene-d10	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 2,6-bis(1,1-dimethylethyl)-	206	C14H22O	000128-39-2	55
2		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	53
3		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	49
4		4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	49
5		Phenol, 3,5-bis(1,1-dimethylethyl)-	206	C14H22O	001138-52-9	49



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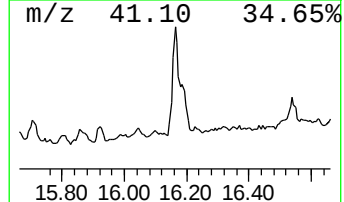
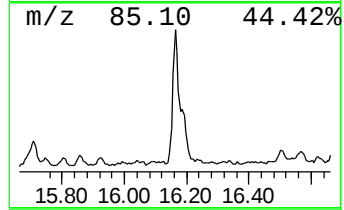
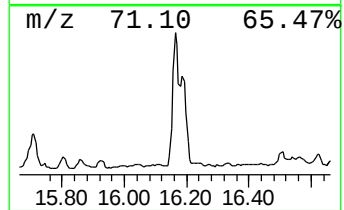
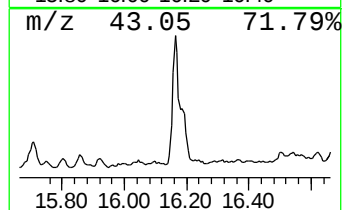
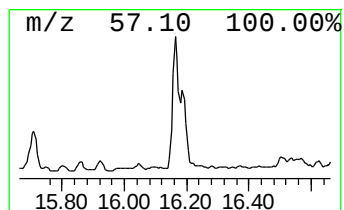
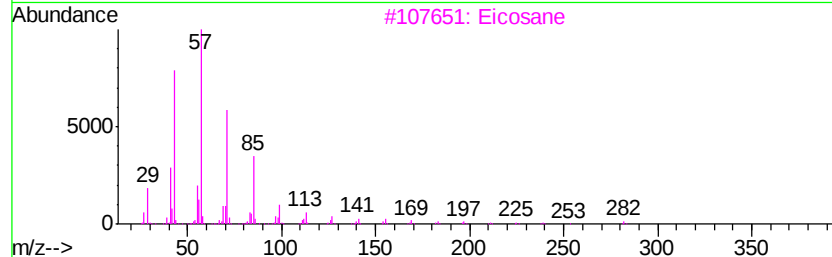
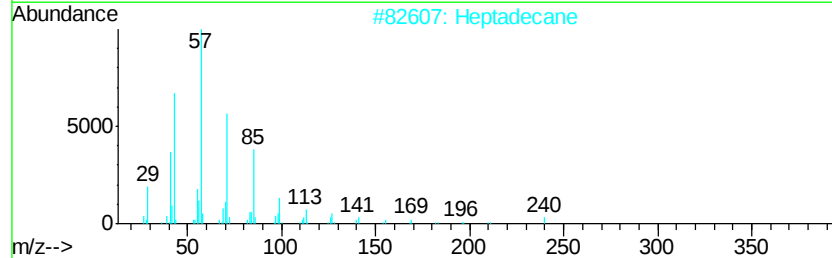
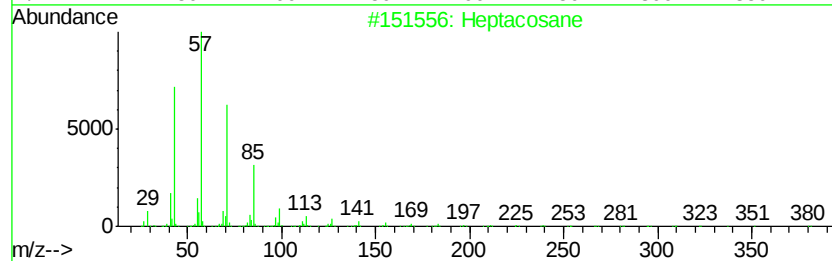
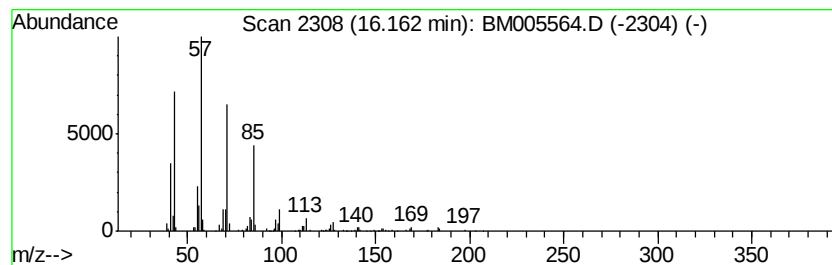
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Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	4.14 ng/ul	253666	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Heptadecane	240	C17H36	000629-78-7	91
3		Eicosane	282	C20H42	000112-95-8	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Octadecane	254	C18H38	000593-45-3	90



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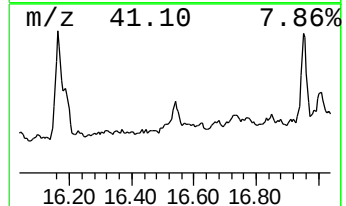
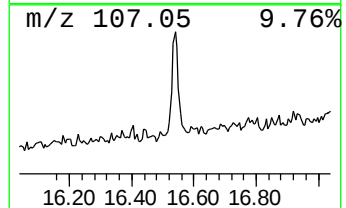
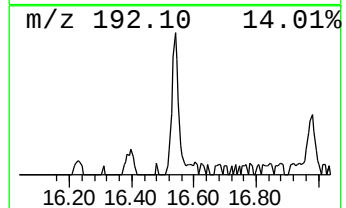
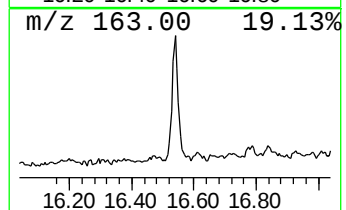
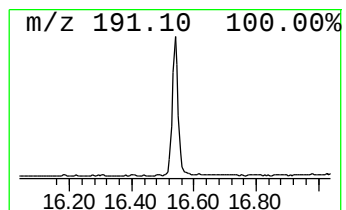
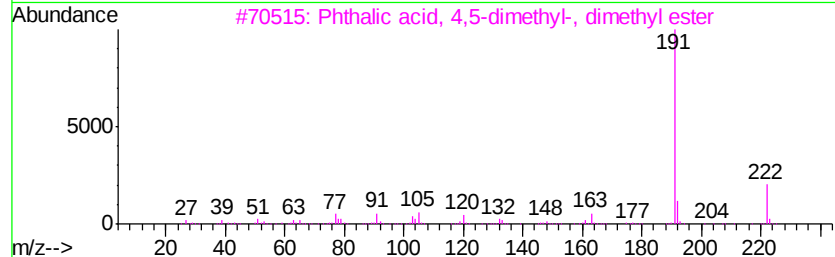
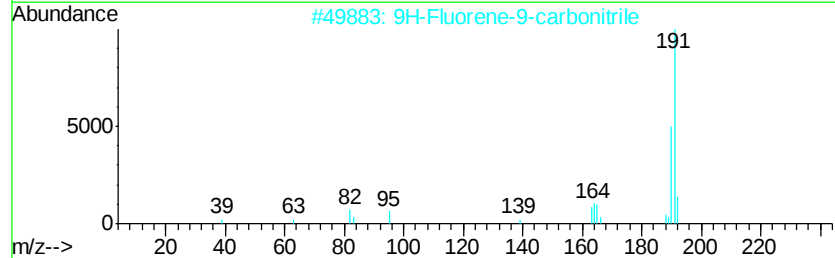
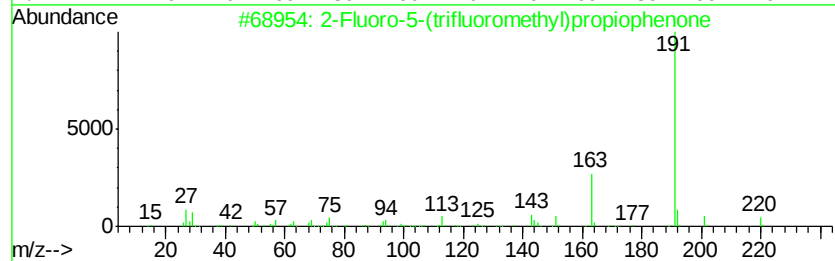
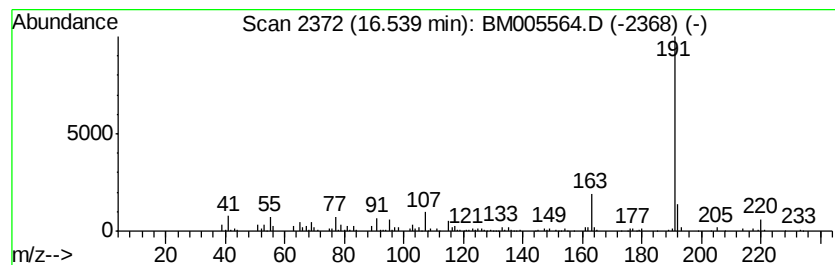
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Peak Number 5 2-Fluoro-5-(trifluoromethyl)... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	2.19 ng/ul	134080	Phenanthrene-d10	17.19

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Fluoro-5-(trifluoromethyl)prop...	220	C10H8F4O	207974-18-3	59
2		9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	53
3		Phthalic acid, 4,5-dimethyl-, di...	222	C12H14O4	017649-59-1	50
4		Oxirane, [[4-(1,1-dimethylethyl)...	206	C13H18O2	003101-60-8	45
5		Pyrido[2,3-d]pyrimidine-2,4(1H,3...	191	C9H9N3O2	024410-21-7	42



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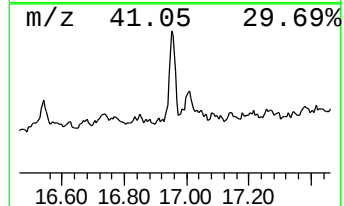
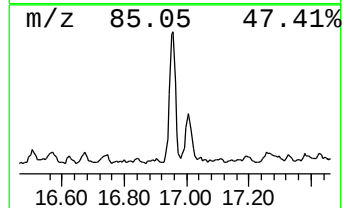
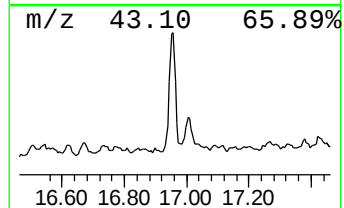
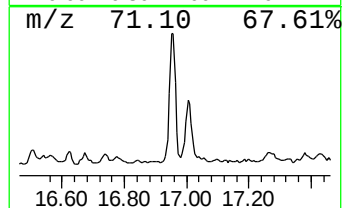
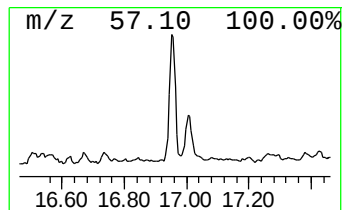
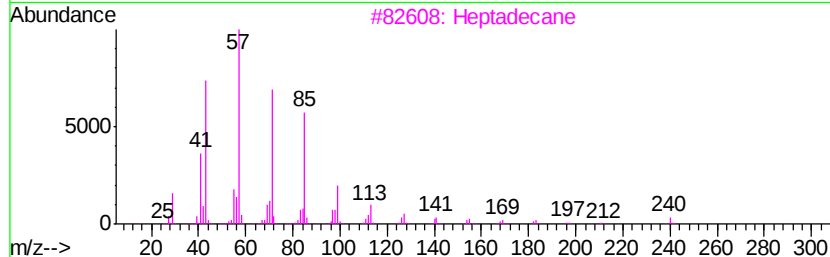
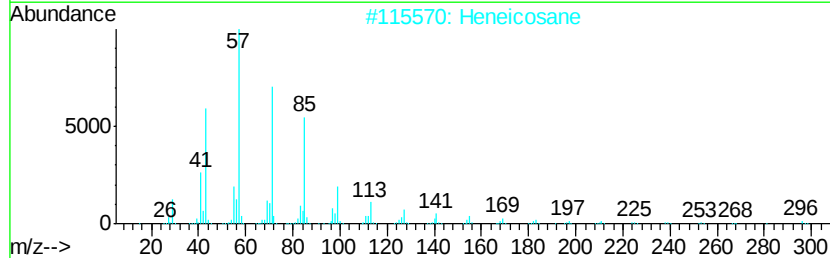
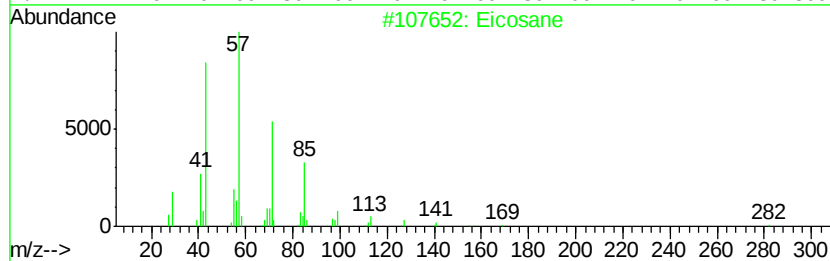
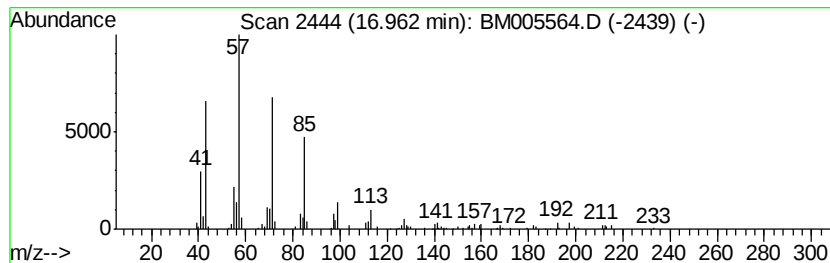
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.96	2.58 ng/ul	158302	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005564.D
Acq On : 21 May 2016 23:23
Operator : UM/SJ
Sample : H3086-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGH7

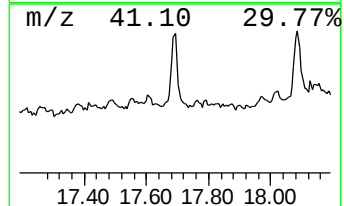
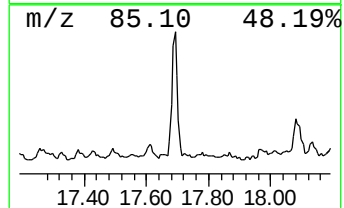
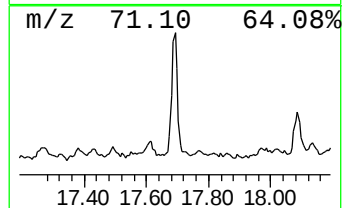
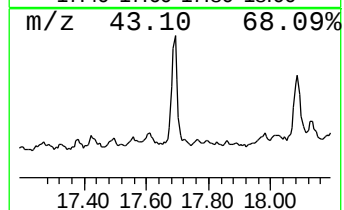
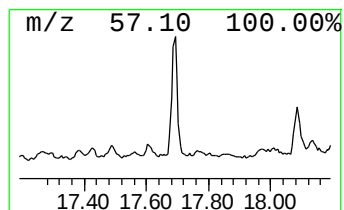
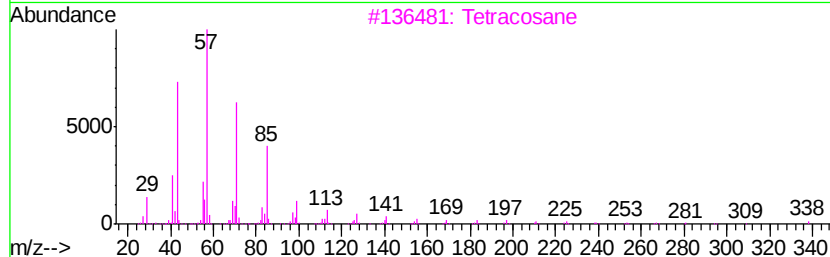
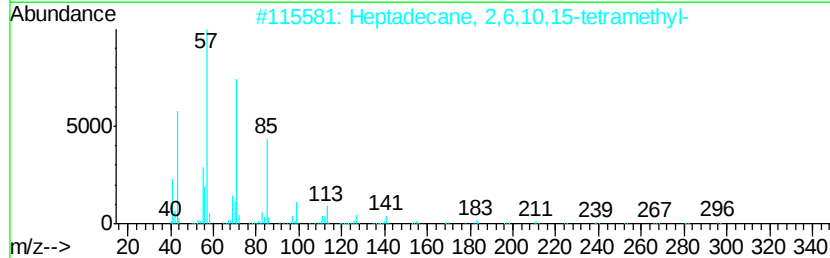
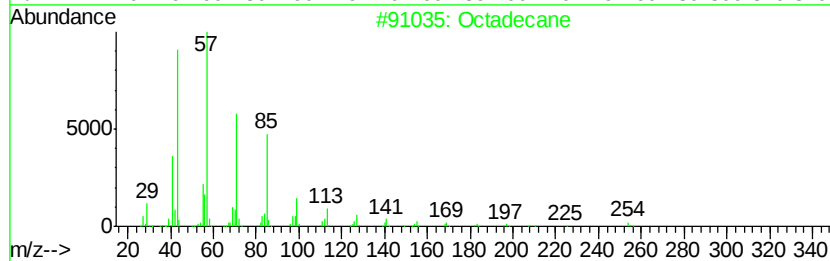
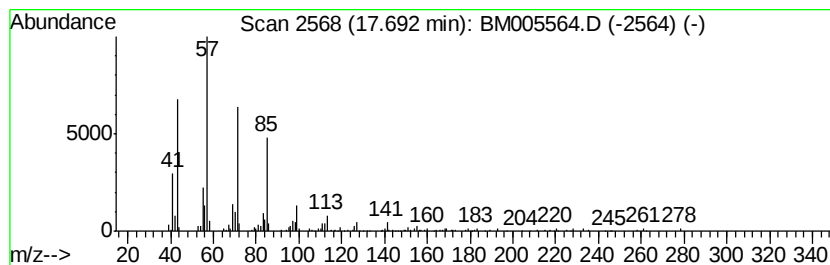
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.47 ng/ul	151403	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Tetracosane	338	C24H50	000646-31-1	87
4		Heneicosane	296	C21H44	000629-94-7	87
5		Nonadecane	268	C19H40	000629-92-5	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005564.D
Acq On : 21 May 2016 23:23
Operator : UM/SJ
Sample : H3086-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGH7

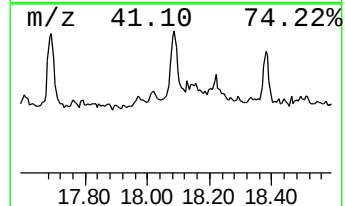
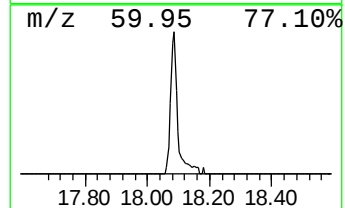
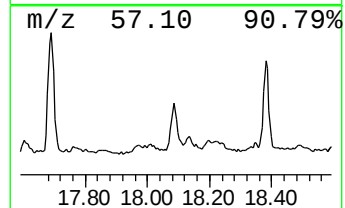
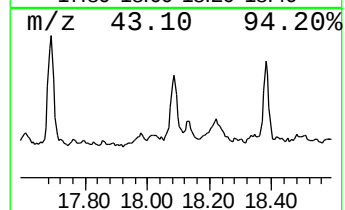
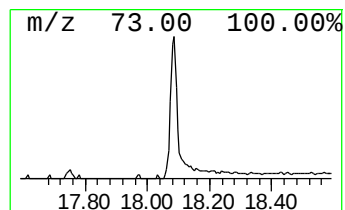
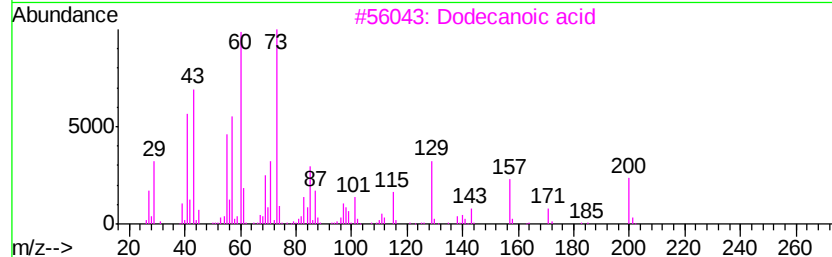
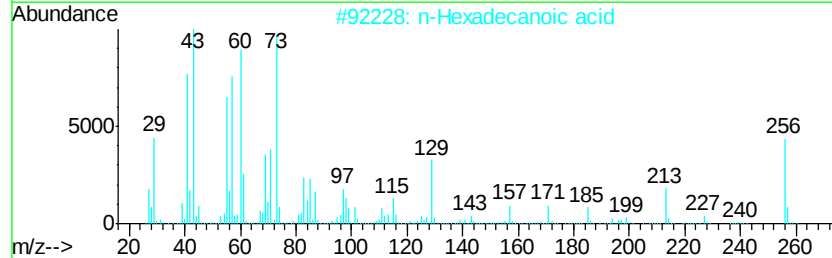
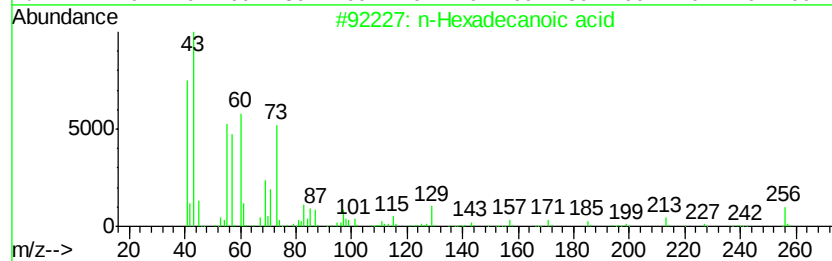
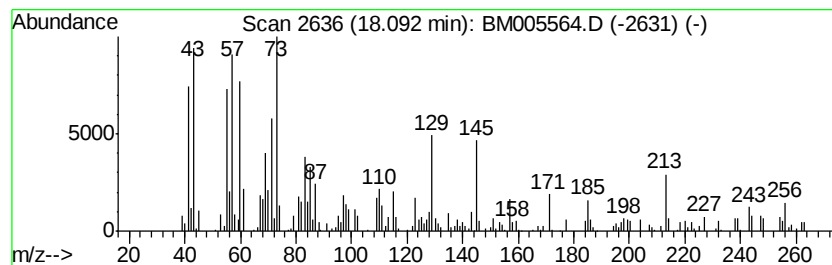
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.36 ng/ul	205875	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Dodecanoic acid	200	C12H24O2	000143-07-7	93
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5		Tridecanoic acid	214	C13H26O2	000638-53-9	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052116\
Data File : BM005564.D
Acq On : 21 May 2016 23:23
Operator : UM/SJ
Sample : H3086-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
JHGH7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	15.30	3.4	ng/ul	199739	3	14.45	1166010	20.0
Phenol, 2,6-bis(1...	15.66	2.3	ng/ul	134518	3	14.45	1166010	20.0
(DEL) Alkane: Str...	16.16	4.1	ng/ul	253666	4	17.19	1225530	20.0
2-Fluoro-5-(trifl...	16.54	2.2	ng/ul	134080	4	17.19	1225530	20.0
(DEL) Alkane: Str...	16.96	2.6	ng/ul	158302	4	17.19	1225530	20.0
(DEL) Alkane: Str...	17.69	2.5	ng/ul	151403	4	17.19	1225530	20.0
n-Hexadecanoic acid	18.09	3.4	ng/ul	205875	4	17.19	1225530	20.0